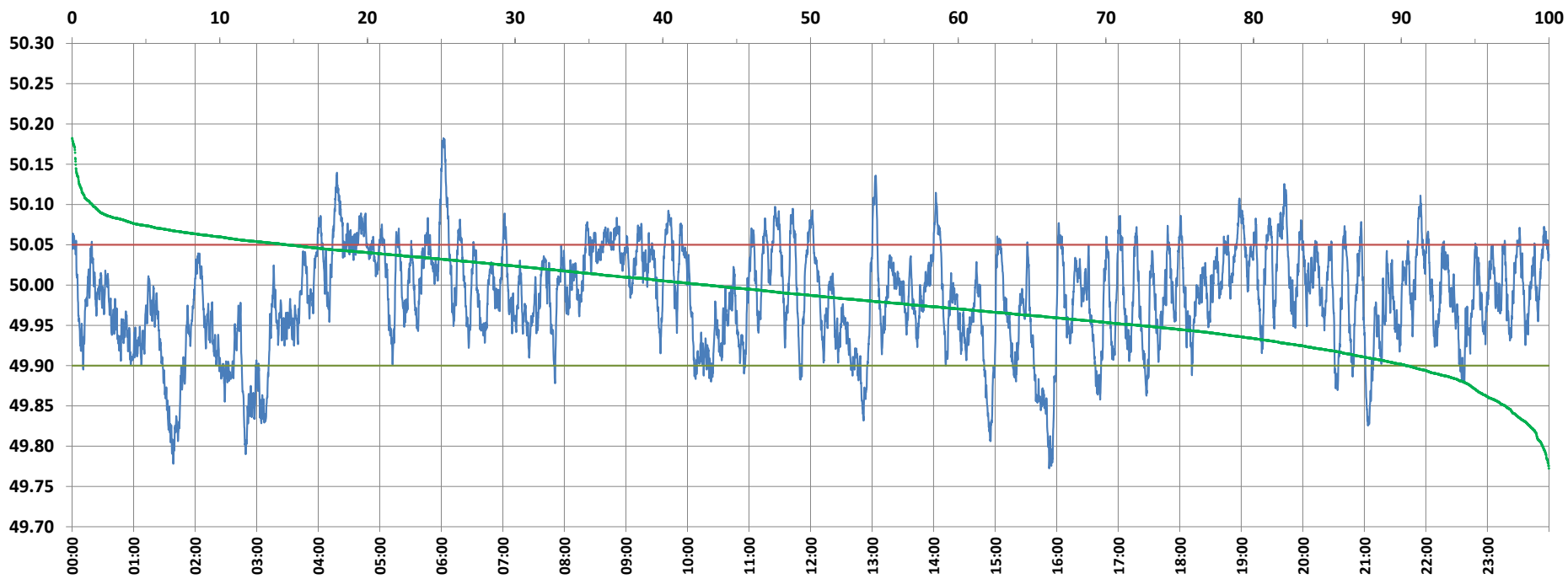


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 11-Dec-2021 (Saturday)



<49.7	<49.90	<49.97	49.7-49.8	49.8-49.9	49.9-50.0	50.0-50.1	50.1-50.2	49.90-50.05	49.7-50.2	49.97-50.03	50.05-50.1	>50	>50.03	>50.05	>50.2	<49.95	49.95-50.05	49.90-49.95
0.00	9.70	39.71	0.43	9.27	47.27	41.68	1.35	75.79	100.00	34.06	13.16	43.03	26.23	14.51	0.00	27.84	57.65	18.14

Average Frequency : 49.984	Frequency Variation Index : 0.0420	Standard Deviation : 0.0628	Mileage: 48.3	FDI: 24.2
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Instantaneous Frequency	
Max	50.182 6:02:00
Min	49.772 15:52:40

15 minute Average Frequency	
Max	50.081 4:30:00
Min	49.828 1:45:00

No. of excursions	
above 50.03 Hz	133
below 49.97 Hz	145
above 50.00 Hz	143
below 50.00 Hz	142

Average time freq per excursion remains	
below 49.97	0:03:57
above 50.03	0:02:50

No. of hours freq outside 49.9-50.05 Hz	5:48:40
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Source : AGRA 10 Sec. (8640 samples)